FORM PTO-1449/A and B (Modified INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 2

APPLICATION NO.: 10/809,291

ATTY. DOCKET NO.: M01015.70002.US01

FILING DATE:

03/25/2004

CONFIRMATION NO.: 6035

APPLICANT:

Cynthia C. Bamdad et al.

GROUP ART UNIT: 1641

EXAMINER: Counts, Gary W.

**U.S. PATENT DOCUMENTS** 

Examiner's	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or of issue
Initials	No.	Number	Kind Code	Document	of Cited Document MM-DD-YYYY
/GC/	1	4,945,045	Α	Forrest et al.	07-31-1990
8	2	5,177,012	Α	Kim et al.	01-05-1993
000000	3	5,294,369	A	Shigekawa et al.	03-15-1994
	4	5,384,073	A	Shigekawa et al.	01-24-1995
	5	6,361,944	B1	Mirkin et al.	03-26-2002
Obooo	6	6,417,340	B1	Mirkin et al.	07-09-2002
900000	7	6,495,324	B1	Mirkin et al.	12-17-2002
\ /	8	US2002/0155462	A1	Mirkin et al.	10-24-2002
V	9	US2002/0172953	A1	Mirkin et al.	11-21-2002
/GC/	10	US2002/0192687	A1	Mirkin et al.	12-19-2002

FOREIGN PATENT DOCUMENTS

Examiner's	Cite	Foreign Patent Document  Office/ Country  Number  Kind Code		ment	Name of Patentee or Applicant of Cited	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
Initials	No.			1	Document (not necessary)		
/GC/	11	DE	38 06 558	Α	Hitachi Ltd.	09-15-1988	N
50000	12	EP	0 489 465	B1	Azko Nobel N.V.	09-04-1996	
8	13	EP	0 579 343	Α	Eppendorf Netheler Hinz Gmbh G	01-19-1994	1
	14	wo	98/04740	A	Northwestern University	02-05-1998	N
V	15	wo	98/20162	A2	Clinical Micro Sensors	05-14-1998	<del> </del>
/GC/	16	wo	01/92277	A1	Minerva Biotechnologies Corporation	12-06-2001	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's	Cite	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item	T
Initials	No	(book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume issue appel and	Translation
· · · · · · · · · · · · · · · · · · ·		DUDITALICIA CILV ANULOS CANTOS WARPE PRINCIPAL	(Y/N)
	17	BAMDAD, CYNTHIA, "The Use of Variable Density Self-Assembled Monolayers to Probe the Structure of a	<del> </del>
/GC/		I ALEGINIUUUUG DIOI DIOMALJUINKNAL URTONET 1998 VAL 75 1000 1004	
8	18	BAMDAD, CYNTHIA CAROL, "Novel Surfaces for the Detection and Study of Later 1	
9			1
<b>8</b> .		i imminification de la commencia de la compacta del la compacta de la compacta del la compacta de la compacta d	ļ
		University, Cambridge, Massachusens, May 1997, nn. 1-111   IMI Mecartotion Commission A	
	19	CHOLLI AL. Landing diguital and hold with children and formage for the contract of the contrac	<u> </u>
<b>80</b> %			
	20	RODINSON BY AL., Dioelectrochemical enzyme immunoassay of human choriogonadottorio	
			i i
8	21	COX, DP, "Cationic colloidal gold, a stain for anionic tissue, sites", Am Biotechnol Lab, October 1990, Vol. 8,	ļ
. 8		1 MV: 126 UE. JO. ACDO IN ALLI CINILY	1 1
0000	22	GUGLIUCCI ET AL. "Reaction of advanced glycation endpenduate with a second control of the contro	
<b>\ </b> /		streptozotocin-induced diabetic rats: an ultrastructural study using colloidal gold cytochemistry.", June 1995, J	
W	, .		1
	23	STIKLING, JW., "Unityed fissile for electron immunocytochomistry, a simular in the simular in th	
/GC/		gold localization of sensitive epitopes using ethanediol dehydration.", HISTOCHEM J, April 1992, vol. 24, no.	
		4, pp. 190-206, ABSTRACT ONLY.	

Serial No.: 10/809.291 Conf. No.: 6035

 $c_{(x)} = A_{(x)}$ 

Page 2 of 2 Art Unit: 1641

	1 1		
/GC/	24	HACKER ET AL., "The use of silver acetate autometallography in the detection of catalytic tissue metals and colloidal gold particles bound to macromolecules.", PROG HISTOCHEM CYTOCHEM, 1991, vol. 23, no. 1-4,	
	26	pp. 286-90	
8	25	BENDAYAN ET AL., "Effect of tissue processing on colloidal gold CytoChemistry.", J. HISTOCHEM	
	26	CYTOCHEM, September 1987, vol. 35, no. 9, pp. 983-96, ABSTRACT ONLY.	1
800	26	HISANO ET AL., "Some improvement in tissue preparation and colloidal-gold immunolabeling for electron	1
		microscopy." AM J ANAT, Feb-Mar. 1986, vol. 175, no. 2-3, pp. 245-66, ABSTRACT ONLY.	
	27	DANSCHER ET AL., "Light microscopic visualization of colloidal gold on resin-embedded tissue.", J.	
	<u> </u>	I HISTOCHEM CITOCHEM, December 1983, vol. 31, no. 12, np. 1394-8 ABSTP ACT ONT V	1
	28	GEUZE ET AL., "Use of colloidal gold particles in double-labeling immunoelectron microscomuse substitution of the state of	┼
000	<u> </u>	I rozen tissue sections.", J CELL BIOL, June 1989, vol. 89, no. 3, np. 653,65 ARSTP ACT ONT W.	
000	29	ROTH, J., "The silver anniversary of gold: 25 years of the colloidel gold mortes, and the silver anniversary of gold: 25 years of the colloidel gold mortes, and the silver anniversary of gold: 25 years of the colloidel gold mortes, and the silver anniversary of gold: 25 years of the colloidel gold mortes, and the silver anniversary of gold: 25 years of the colloidel gold mortes, and the silver anniversary of gold: 25 years of the colloidel gold mortes.	+
8		immunocytochemistry and histochemistry", HISTOCHEM CELL BIOL, July 1996, vol. 106, no. 1, pp. 1-8,	1
8 .		I ADSTRACTORICY	į.
<del>-  </del>	30	DOLAPCHIEVA, S., "Distribution of concanavalin A and wheat germ agglutinin binding sites in the rat	<u> </u>
0000	1	peripheral perue fibres revealed by legin/glycoprotain-gold histochemister." JUCTO-07770 at the rat	1
8		peripheral nerve fibres revealed by lectin/glycoprotein-gold histochemistry.", HISTOCHEM J., January 1996, vol. 28, no. 1, pp. 7-12, ABSTRACT ONLY.	1
	21	Vol. 25, no. 1, pp. /-12, ABSTRACT ONLY.	
8	31	ROTH ET AL., "Improved accuracy in diagnostic immunohistochemistry, lectin histochemistry and in situ	
9	t	nyridization using a gold-labeled norseradish peroxidase antibody and silver intensification." I AR INTEGER	
		AURUSI 1992, VOI. 07, NO. 2, NO. 261-9 ABSTRACT ONT V	
8	32	HERKEN ET AL., "Postembedding immunogold histochemistry for the localization of laminin and its E4 and	╫
9999		P1 fragments in mouse kinney embedded in LR-wnite and LR-Gold." HISTOCHEM J., June 1991, vol. 22, no.	1
8		U O. DD. ZD/-/Z. ABNIKACII ONI V	1
8	33	JACKSON ET AL., "Application of 1 nm gold probes on paraffin wax sections for in situ hybridisation	
8	t t	III IIISIOCIDEIIISITY, J CLIIV PALITOL, OCTOBET 1990, Vol. 43 no. 10 nn. 810-2. AD COD A COD CARTER 1	1
	34	CORNELESE-TEN ET AL., "New sensitive light microscopial detection of colloidal gold on ultrathin.",	<u> L.</u>
00	J.,	HISTOCHEMISTRY, 1990, vol. 94, no. 1, pp. 61-71, ABSTRACT ONLY.	
	35	YEDVEN ET AL 45 inha alabamina, 1990, vol. 94, no. 1, pp. 01-71, ABSTRACT ONLY.	İ
8	33	HERKEN ET AL., "Light and electron microscopial postembedding lectin histochemistry for WGA-binding	$\top$
88		Sites in the renal cortex of the mouse embedded in polyhydroxy aromatic resing I R-White and I D C-1 in	1
8	36	HACKER ET AL., "Electron microscopical autometallography: Immunogold-silver staining (IGSS) and heavy-	┿╌
	<u></u>		
9	37	HACKER ET AL., ADDICALION OF SHVET RECTAIC AUTOMOTISHOUT IN histography in histog	┼
8		tor use in minum again sirver standing, recent histochedinistry and in sini hybridization " VEDLY DECOME and	1
900		1 1111UL, 1770, VIII. /4. BD 30A.// ARSTRACTIONILV	1
	38	TSUYAMA ET AL., "Mucin histochemistry of colonic mucous cells with lectin-colloidal gold complex.", J	1_
8			
	39	BARUCH ET AL., "Preferential expression of novel MUC1 tumor antigen isoforms in human epithelial tumors	
80		and their tumor notarities for time? BULL CANCEL unior annuer isotorms in human epithelial tumors	T
<del></del>	40		
80	40	GENDLER ET AL., "Molecular cloning and expression of human tumor-associated polymorphic epithelial	+-
			1
8	41	LIGHENDERG ET AL., EDISIADI, 8 CARCIDOMS-8880019160 much to concepted by a - 1	
90		1 Spires values with distribute within , 11th JOURIAL OF BIOLOGICAL CHEMISTRY 1000 37-1	ł
			1
8	42	LIGTENBERG ET AL. "Cell-associated enisialin is a complex containing two products in the cont	
8			
8	43		
8		antibodies", BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, 1996, Vol. 228, pp.	
8		115-121.	1
-	44	WRESCHNER ET AI. "Human enithelial types entires a DNA	1
9		WRESCHNER ET AL., "Human epithelial tumor antigen cDNA sequences-Differential splicing may generate multiple splicing forms" FUDOR I BIOCHEM 1909 W. 1	†
* /	AF		1
W	45	ZRIHAN-LICHT ET AL., "Characterization and molecular cloning of a novel MUC1 protein devoid of tandem	╁
₩.			1
/GC/	46		-
/GU/		manadogola (Shver) straining technique, AUROPROBE, Codes RPN 420-436 RPN 444. Type 9 1000	j
		Amersham, Piscataway, NJ, pp. 1-7.	1
	1		
XAMINE	2	/Gary Counts/ DATE CONSIDERED	
	-	/Gary Counts/ DATE CONSIDERED	

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FORM PTO-	449/	A a	nd B (Modifi	ed)	APPLICA	APPLICATION NO.: 10/809,291 ATTY. DOC		ATTY. DOC	CKET NO.: M01015.70002.US <b>0(</b>		70002.US <b>01</b>							
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Initials	N	o.	1	Number	Kind Code	Document			of Cited Document MM-DD-YYYY		ument							
/GC/	1		4,313,73	4		Leuver	ing .		02-02-1982									
	2		4,744,76	0		Molday	y		05-17-1988									
***************************************	3		4,859,61	2		Cole et	al.		08-22-1989									
	4		4,879,22	0		Mrsny	et al.		11-07-1989									
	5		4,888,24	8		Hirai e	t al.		12-19-1989									
<u>V_</u>	6		5,147,84	1		Wilcox	on'		09-15-1992									
/GC/	7		5,248,77	2		Siiman	et al.		09-28-1993									
				•	FOREIG	N PATE	NT DOCUMENTS	•	05 20 1995	~								
Examiner's	Cite No.		For	eign Patent Docun	nent	Nar	ne of Patentee or Applican	t of Cited	Date of	_								
Initials			No		Office/ Country	Number	Kind Code		Document (not necessary)		Publication of Cited Documen MM-DD-YYYY	t i	Translation (Y/N)					
/GC/	8	1	WO	92/08134	<b>A</b> 1	Coulter	Corporation		05-14-1992									
	.	_							00-14-1992									
EXAMINER			. /G	ary Counts/			DATE CONSIDERED											
	-	1	•		•			09/23/20	108									

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APPLICATION NO.: 10/809,291 ATTY. DOCKET NO.: M01015.70002.USO1

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 1

APPLICATION NO.: 10/809,291 ATTY. DOCKET NO.: M01015.70002.USO1

CONFIRMATION NO.: 6035

APPLICANT: Cynthia C. Bamdad et al.

GROUP ART UNIT: 1641 EXAMINER: Counts, Gary W.

U.S.	PATENT	<b>DOCUN</b>	<b>MENTS</b>
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Examiner's	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication or of issue
nitials	No.	Number Kind Cod		Document	of Cited Document MM-DD-YYYY
/GC/	1.	2002/0042074	A1	Bamdad et al.	04-11-2002
	2.	2002/0086443	A1	Bamdad	07-04-2002
	3.	2002/0098526	A1	Bamdad ·	07-25-2002
90000	4.	2002/0156112	A1	Bamdad et al.	10-24-2002
00000	5.	2002/0164611	A1	Bamdad et al.	11-07-2002
900000	6.	2003/0036199	A1	Barndad et al.	02-20-2003
	7.	2003/0059955	A1	Bamdad	
· V	8.	2003/0060487	A1	Bamdad et al.	03-27-2003
/GC/	9.	2003/0087228	A1	Bamdad et al.	03-27-2003
					05-08-2003

EXAMINER /Gary Counts/	DATE CONSIDERED	09/23/2008	:	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

Complete if Known					
Application Number	10/809,291				
Filing Date	03/25/2004				
First Named Inventor	BAMDAD, Cynthia C.				
Art Unit	1641				
Examiner Name	COUNTS, Gary W.	-			
Attorney Docket Number	M1015 70002US01				

•			U. S. PATENT	DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
/GC/	A1	<sup>US-</sup> 4853335	08-01-1989	Olsen et al.	whole document	
DOODE	A2	<sup>US-</sup> 5589401	12-31-1996	Hansen et al.	whole document	
0000000	A3	<sup>US-</sup> 6319670	11-20-2001	Sigal et al.	whole document	
00000	A4	<sup>US-</sup> 5620850	04-15-1997	Bamdad et al.	whole document	
00000	A5	<sup>US-</sup> 6180084	01-30-2001	Ruoslahti et al.	whole document	
200000	<b>A</b> 6	<sup>US-</sup> 6346389	02-12-2002	Altieri et al.	whole document	
*******	A7	<sup>US-</sup> 6342349	01-29-2002	Virtanen et al.	whole document	
	A8	<sup>US-</sup> 6413770	07-02-2002	Godowski et al.	whole document	
\ /	A9	<sup>US-</sup> 6001556	12-14-1999	Charych et al.	whole document	
W	A10	<sup>US-</sup> 6541617	04-01-2003	Bamdad et al.	whole document	
/GC/	A11	<sup>US-</sup> 4115535	09-19-1978	Giaever et al.	whole document	
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-		US-				
		US-				
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		US-				
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		FORE	IGN PATENT DOCL	MENTS		
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>if known</i> )			Or Relevant Figures Appear	
/GC/	B1	EP 0299428	01-18-1989	Ching et al.	whole document	
<b>3</b>	B2	EP 0142301	05-22-1985	Forrest et al.	whole document	
W	B3	WO 98/34114	08-06-1998	Dremel	whole document	
/GC/	B4	WO 00/43791	07-27-2000	Bamdad et al.	whole document	
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						1

Examiner Signature	/Gary Counts/	Date Considered	09/23/2008
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